

PLAN 1000

The

Personal

Local

Area

Network

With

Advantages

The PLAN 1000™ Personal Local Area Network has been developed especially for you, the small system user. It is easy-to-use and offers you advantages over your stand-alone Apples® that you never thought possible. By means of simple plug-in cards and cables plus a hard disk and Nestar's field-proven system software, you now have a "system". You can share information, send electronic mail, print reports, transmit files over long distances, or communicate with an IBM mainframe. These options are available to you as you discover the potential of networking.

Local floppy disks create storage and security problems as well as having volume limitations and a higher cost-per-byte than hard disks.

PLAN 1000 Advantage:
You can share the use and cost of high-capacity hard disks and be assured that information is safely stored.

Personal computers are wonderful devices. But alone, they are just not complete enough to be an efficient use of resources.

PLAN 1000 Advantage:
Link your Apples together for full communications and resource sharing.

To be fully functional, each personal computer must be equipped with a storage unit, printer and software.

PLAN 1000 Advantage:
PLAN 1000 allows you to centralize these important functions, thereby lowering overall equipment costs.

Personal Computers have thousands of ready-to-use software packages that can adapt to many applications.

PLAN 1000 Advantage:
Users can share programs and the information generated by them rather than buying one program for each computer.

Stand-alone personal computers cannot communicate.

PLAN 1000 Advantage:
By linking your Apples together, an instant communications network is created allowing exchange of information and electronic messaging among users, locally or remote.

Good quality printers are expensive and impractical to connect to each personal computer.

PLAN 1000 Advantage:
By connecting all Apples onto one system, expensive printers can be cost justified since they are shared by all users.

The BIGGEST PLAN 1000 Advantage:
The PLAN 1000 is an inexpensive starter system which will familiarize you with networking. When you become comfortable with the concept, Nestar provides migration paths to higher performance, larger capacity systems. Your initial investment in hardware and software is not lost.

SPECIFICATIONS SUMMARY

Basic System

Hardware:

Winchester hard disk

5 or 10 Megabyte 5¼ inch

Nestar Apple Network Interface Cards including Cables

Nestar Clock Calendar Card

(A 64K Apple II is required as the file server processor. A 5¼" floppy disk drive is recommended for system back-up.)

Software:

File Server Program — supports Apple DOS (3.3) & Apple Pascal (1.1)

Including:

Passwords (15 Characters) and access rights

Volume, file, and record-level locking

Stored command sequences

Hierarchical file directories

Optional Features

Apple II CP/M® Support

Apple III SOS Support

Print Server — Spooled Printing

Messenger™ — Electronic Mail Program

File Transfer Server — Network and Standalone Versions

Gateway

System Configuration & Specification

Data Rate: 240K bits per second

Network length per segment: 1,000 ft (300m)

Total number of segments per Network: 4 (4,000 ft)

Maximum Distance between Stations (without repeaters): 1,000 ft. (300m)

Network medium: 16 wire flat or shielded twisted pairs

Number of Stations: Up to 65 per network segment

Network Topology: Unconstrained

Reliability Features: Redundancy checks on all addresses and data; Packet retransmissions as necessary; timeout to avoid lockups.

NESTAR

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